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END OF SEARCH HISTORY

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Term:	L10 and @ad<20020306
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DB=PGPB,USPT; PLUR=YES; OP=OR

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<u>L10</u>	L8 and ((phosphate or phosph?) same surfactant)	194	<u>L10</u>
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<u>L9</u>	L8 and ((phosphate or phosph?) same fluoroalkyl)	0	<u>L9</u>
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<u>L7</u>	L3 NOT L6	23	<u>L7</u>
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<u>L5</u>	Allison near4 Redgrave	0	<u>L5</u>
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DB=USPT; PLUR=YES; OP=OR

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DB=PGPB,USPT; PLUR=YES; OP=OR

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L2 STRUCTURE UPLOADED
L3 0 S L1 OR L2 SSS SAM
L4 0 S L1 OR L2 SSS FUL

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FILE 'CAPLUS' ENTERED AT 12:40:04 ON 14 MAY 2007
S L1

FILE 'REGISTRY' ENTERED AT 12:40:07 ON 14 MAY 2007

L5 0 S L1

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S L2

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L7 0 S L2

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L8 0 S L7

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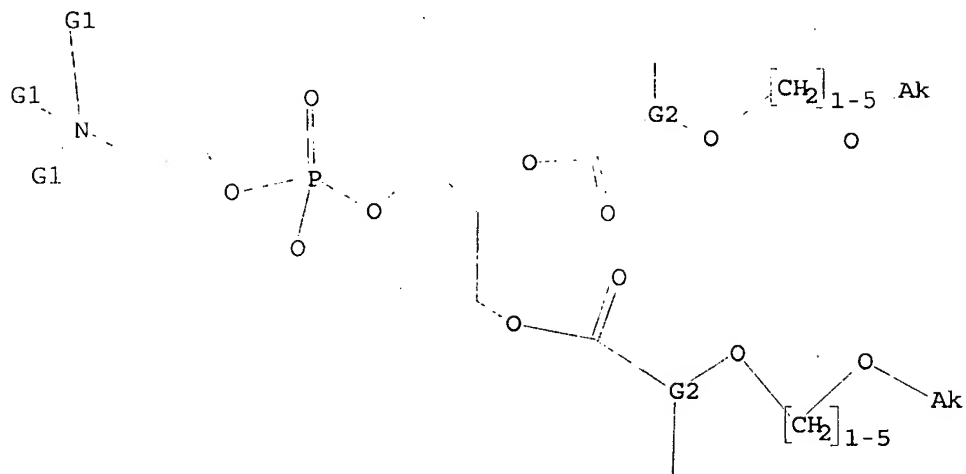
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L10 79 S L9 AND POLYETHER
L11 79 S L9 (S) POLYETHER
L12 28 S L11 NOT PD>20020306
L13 28 DUPLICATE REMOVE L12 (0 DUPLICATES REMOVED)
L14 14 S L13 AND SURFACTANT
L15 14 FOCUS L14 1-

L1 STRUCTURE UPLOADED

=> d L1

L1 HAS NO ANSWERS

L1 STR



G1 Me,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,H

G2 CH2,CH,Et,i-Pr,i-Bu

Structure attributes must be viewed using STN Express query preparation.

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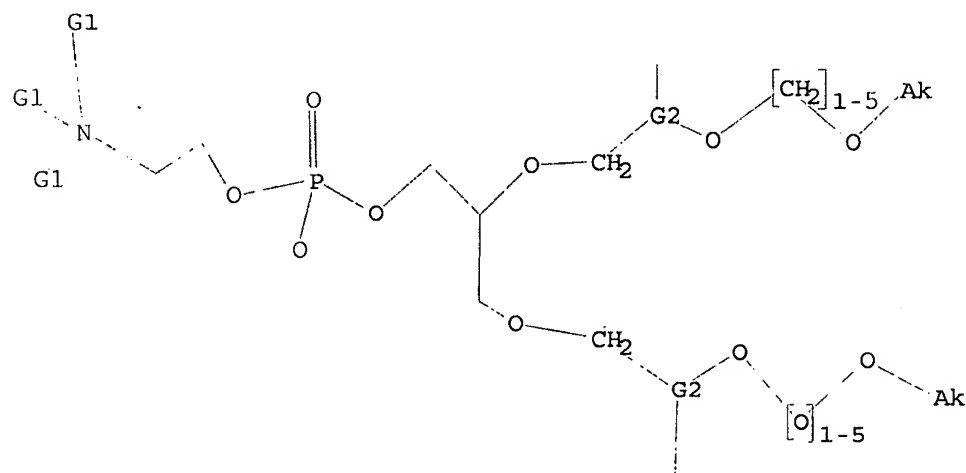
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L2 HAS NO ANSWERS

L2 STR



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G2 CH2,CH,Et,i-Pr,i-Bu

L15 ANSWER 1 OF 14 USPATFULL on STN

TI Lung surfactant compositions

AB An improved synthetic lung surfactant consists essentially of dipalmitoyl phosphatidyl choline, a C-14 to C-18 fatty alcohol (preferably hexadecanol), and a non-toxic nonionic surface active agent (preferably tyloxapol). The surfactant is prepared in a powdered lyophilized form that can be stored for extended periods at room temperature. The powdered product can be readily reconstituted by simply adding distilled water.

ACCESSION NUMBER: 92:36191 USPATFULL

TITLE: Lung surfactant compositions

INVENTOR(S): Clements, John A., Tiburon, CA, United States

PATENT ASSIGNEE(S): The Regents of the University of California, Oakland, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5110806		19920505
APPLICATION INFO.:	US 1989-335101		19890407 (7)
DISCLAIMER DATE:	20060502		
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1986-927340, filed on 5 Nov 1986, now patented, Pat. No. US 4826821 which is a continuation of Ser. No. US 1985-749122, filed on 26 Jun 1985, now abandoned which is a continuation of Ser. No. US 1983-542453, filed on 17 Oct 1983, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Rose, Shep K.		
LEGAL REPRESENTATIVE:	Phillips, Moore, Lempio & Finley		
NUMBER OF CLAIMS:	17		
EXEMPLARY CLAIM:	1		
LINE COUNT:	618		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 2 OF 14 USPATFULL on STN

TI Lung surfactant compositions

AB An improved synthetic lung surfactant consists essentially of dipalmitoyl phosphatidyl choline, a C-14 to C-18 fatty alcohol (preferably hexadecanol), and a non-toxic nonionic surface active agent (preferably tyloxapol). The surfactant is prepared in a powdered lyophilized form that can be stored for extended periods at room temperature. The powdered product can be readily reconstituted by simply adding distilled water.

ACCESSION NUMBER: 89:34373 USPATFULL

TITLE: Lung surfactant compositions

INVENTOR(S): Clements, John A., Tiburon, CA, United States

PATENT ASSIGNEE(S): The Regents of the University of California, Berkeley, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4826821		19890502
APPLICATION INFO.:	US 1986-927340		19861105 (6)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1985-749122, filed on 26 Jun 1985, now abandoned which is a continuation of Ser. No. US 1983-542453, filed on 17 Oct 1983, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Schenkman, Leonard		
ASSISTANT EXAMINER:	Lipovsky, Joseph A.		
LEGAL REPRESENTATIVE:	Phillips, Moore, Lempio & Finley		
NUMBER OF CLAIMS:	7		
EXEMPLARY CLAIM:	1		

LINE COUNT: 555
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 6 OF 14 USPATFULL on STN

TI Polymerizable fatty acids, phospholipids and polymerized liposomes therefrom

AB The invention relates to an oral drug delivery system which delivers biologically active substances to the mucosal tissue of the intestine utilizing novel polymerized liposomes. Novel polymerizable fatty acids having a polymerizable group, a surfactant group, and a functional group, and optionally coupled to ligands which target mucosal tissue in the intestine are disclosed. Novel negatively charged polymerizable lipids which have phosphatidyl inositol (PI), phosphatidyl glycerol (PG) or phosphatidyl serine (PS) groups on a polymerizable backbone are also described.

ACCESSION NUMBER: 2001:21783 USPATFULL

TITLE: Polymerizable fatty acids, phospholipids and polymerized liposomes therefrom

INVENTOR(S): Brey, Robert N, Alpharetta, GA, United States
Liang, Likan, Wheeling, IL, United States

PATENT ASSIGNEE(S): Orasomal Technologies, Inc., Lake Bluff, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6187335	B1	20010213
APPLICATION INFO.:	US 1997-2145		19971231 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Kishore, Gollamudi S.		
LEGAL REPRESENTATIVE:	Pennie & Edmonds, LLP		
NUMBER OF CLAIMS:	8		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1259		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.